

### **Amendments to the Specification**

Please amend the specification as follows (in conformance with the corrected drawings filed herewith):

On page 29, paragraph 092, please replace the last sentence with the following:

A detail section in A Fig. 10A shows the coil 93, surrounded by an insulating layer 96, in close contact with the core side wall 94 98 and yoke 92.

On page 30, paragraph 093, please replace the first sentence with the following:

[093] Fig. 11 shows a further alternative water heater or chemical reactor 100 implementation in which a cylindrical core 101 has an embedded coil 103 in its outer surface, and a cylindrical yoke 102 surrounds the core but is separated therefrom by an air gap 107.